

Applicant : David Arsenault
Serial No. : 09/693,840
Filed : October 23, 2000
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Attorney's Docket No. 06975-063001 / Commerce 03

REMARKS

Prior to examination of this application, please enter the above amendments. By this amendment, claims 1-11 have been amended. New claims 12-33 have been added to more fully recite the subject matter of the instant application. Applicants submit that no new matter has been added. Upon entry of this amendment, claims 1-33 are pending of which claims 1, 7, 12, 18, 23, and 29 are independent.


Attached is a marked-up version of the changes being made by the current amendment.

Applicant asks that all claims be examined. Enclosed is a \$486.00 check for excess claim fees. Please apply any other charges or credits to Deposit Account No. 06-1050, Ref. No. 06975/063001.

Respectfully submitted,

Date: _____

January 16, 2003



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Version with markings to show changes made

In the specification:

Paragraph beginning at page 4, line 10 has been amended as follows:

Client computer 110 is typically implemented in a personal [comptuer]computer (PC), laptop computer, or workstation computer. Client computer 110 includes hardware and software that allows an operator to perform various tasks, such as communicating with other computers and their operators, accessing resources stored on the computer or other accessed computers, and viewing, creating, and manipulating electronic content (e.g., any combination of text, images, movies, music or other sound, animations 3D virtual worlds, and links to other objects). More specifically, client computer 110 includes various input/output (I/O) devices (e.g., mouse, keyboard, microphone, video input/output, touchscreen input, display and modem). Client computer 110 also generally includes a general or special purpose computer having a [cenral]central processor unit (CPU), I/O ports and drivers, memory, and storage devices. Examples of memory devices include volatile and/or non-volatile devices such as flash memory, random access memory (RAM), read-only memory (ROM), programmable read-only memory (PROM), erasable PROMs, and electrically erasable PROMs. Examples of storage devices include floppy disk drives, compact disk (CD) drives, digital versatile disk (DVD) drives, permanent (hard) disk drives of magnetic and optical types, and tape or backup drives.

Replace the paragraph beginning at page 5, line 17 with the following rewritten paragraph:

-- Proxy server 120 generally includes a cache of previously downloaded network resources (e.g., web pages). When a browser request from client computer 110 is received by proxy server 120, the proxy server filters each browser request against the cache of previously downloaded network resources. If a match exists between the browser request and a cached network resource, proxy server 120 is able to generate and return a response to client computer

110 without forwarding the browser request to network 130. Conversely, if the browser request does not match a cached network resource, proxy server 120 uses one of its own IP addresses to request the network resource from destination server 140 over network 130, with proxy server 120 acting as a client on behalf of client computer 110. When the requested network resource is returned to proxy server 120, that network resource is forwarded to client computer 110. In the implementation of fig. 1A, proxy server 120 includes one or more trap lists 120a that are used for comparison against browser requests received from the browser software on client computer 110.--

Replace the paragraph beginning at page 5, line 30 with the following rewritten paragraph:

-- Fig. 1B provides an example of a trap list 120a. This particular trap list 120a shows a list of domain names against which browser requests from client computer 110 are compared and with which browser requests including selected domain names (a "selected browser request") are identified. Trap list 120a also may include other criteria against which browser requests may be compared, such as, for example, uniform resource locators (URLs). Furthermore, as an alternative or complement to trap list(s) 120a, proxy server 120 may include other search and/or filtering criteria or algorithms used to identify selected browser requests. In any event, the proxy server 120 specifies one or more destinations for browser requests discriminated by the trap list 120a or other search and filtering criteria. --

Replace the paragraph beginning at page 10, line 5 with the following rewritten paragraph:

-- Figs. 4A-4E illustrate examples of displays created by [splitting]splitting windows and enhancing the content of destination servers and resources in the manner described with respect to Figs. 2A and 2B. --

In the claims:

Claims 1-11 have been amended as follows:

1. (Amended) A method of processing a browser request specifying a destination network resource, the method comprising:
 - intercepting a browser request that specifies a selected destination network resource; and
 - redirecting the browser request to a network server that differs from the destination network resource specified by the browser request.
2. (Amended) The method of claim 1, wherein [the] intercepting the browser request comprises [includes]:
 - routing the browser request to a proxy server including a list of selected network resources;
 - comparing the browser request to the list of selected network resources; and
 - intercepting the browser request when the browser request includes one or more of the selected network resources that are specified by the list.
3. (Amended) The method of claim 1, wherein [the] redirecting the browser request [includes] comprises:
 - comparing the browser request to a list that includes instructions associated with the destination network resource; and
 - performing the instructions associated with the destination network resource.
4. (Amended) The method of claim 3, wherein performing the instructions includes displaying content that differs from the destination network resource.
5. (Amended) The method of claim 3, wherein [the] performing the instructions [includes] comprises:

adding content to the destination network resource; and
displaying the destination network resource that includes the added content.

6. (Amended) The method of claim 3, wherein [the] performing the instructions [includes displaying contents from the destination resource from] comprises using a network server that differs from the destination network resource displaying content from the destination network resource.

7. (Amended) A method of processing a browser request specifying a destination network resource, comprising:
intercepting a browser request received from a client computer at a proxy server [when] if the browser request specifies a selected destination network resource; and
performing instructions associated with and in addition to instructions performed to download the selected destination network resource.

8. (Amended) The method of claim 7, wherein [the] intercepting [includes] the browser request comprises:
routing the browser request to the proxy server including a list of selected network resources with associated instructions;
comparing the browser request to the list of selected network resources; and
intercepting the browser request [when] if the browser request includes one or more of the selected network resources that are specified by the list.

9. (Amended) The method of claim 7, wherein [the] performing instructions [includes] comprises displaying content that differs from the destination network resource.

10. (Amended) The method of claim 7, wherein the performing instructions [includes] comprises:
adding content to the destination network resource; and
displaying the destination network resource that includes the added content.

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11. (Amended) The method of claim 7, wherein [the] performing instructions [includes] comprises using [displaying contents from the destination resource from] a network server that differs from the destination network resource to display content from the destination network resource.